

Attachment 5

Laboratory reports for NPDES
monitoring

Laboratory Quality Control Reports



LTS ENVIRONMENTAL, INC.

Beta Offshore
111 W. Ocean Blvd., Suite 1240
Long Beach, Ca 90802

September 30, 2019

Attn: Diana Lang

Quarterly NPDES chlorine residuals on the non-contact cooling water outlet were as follows:

Sample Date / Time	Location	Total Chlorine Residual (EPA Method 330.5) <u>End of Pipe</u>
September 26, 2019 @ 1000 hrs	Platform Eureka Non-Contact Cooling Water Outlet West Seawater Pump	0.09 mg/l
LTS Meter S/N: 041200088375		Method Blank < 0.05 mg/l (MDL)

Technician: Konrad Pala

S.G. Lawry
Environmental Specialist / LTS



LTS ENVIRONMENTAL, INC.

Beta Offshore
111 West Ocean Blvd.
Suite 1240
Long Beach, Ca 90802

August 9, 2019

Attn: Diana Lang

As part of the Annual Marine Sanitation Device (MSD) Inspection, and to ensure proper operation of the device, LTS Environmental performed an EPA-approved chlorine residual on the effluent. Results of this test are as follows:

Sample Date / Time	Location	Total Chlorine Residual (EPA Method 330.5)
July 25, 2019 @ 1230 hrs	Platform Eureka Sewage Effluent Omnipure 12MX	2.8 mg/l
LTS Meter S/N: 041200088375		Method Blank < 0.05 mg/l (MDL)
LTS Technician: Konrad Pala		

S.G. Lawry
Environmental Specialist /LTS



LTS ENVIRONMENTAL, INC.

October 18, 2018

Quality Control

As part of the annual in-house quality control chlorine meter check and to ensure proper operation of the meters, LTS Environmental Inc. performed a total residual chlorine test with a known value obtained from Sigma-Aldrich Corporation. Results of this test are as follows:

Test Date October 16, 2018	Total Residual Chlorine (EPA Method 330.5)
LTS meter (SN 041200088375)	1.45 mg/l
Acceptance Limits	1.30 mg/l – 2.41 mg/l
Certified Value	1.85 mg/l \pm 0.0330
Sigma-Aldrich Corporation test sample (QC1065-2ml. Lot LRAB8408)	
LTS Lead Technician: Konrad Pala	Method Blank < 0.05 mg/l

S.G. Lawry
Environmental Specialist
President, LTS Environmental, Inc.